

Amendments To The Specification:

In the English translation document, please delete the term --Description-- at page 1, written line 1.

In the English translation document, please add the paragraph at page 1, before written line 3, after the title, as follows:

--CROSS REFERENCE TO RELATED APPLICATIONS

This application is the US National Stage of International Application No. PCT/EP2004/014440, filed December 17, 2004 and claims the benefit thereof. The International Application claims the benefits of German Patent application No. 103 59 988.6 filed December 19, 2003. All of the applications are incorporated by reference herein in their entirety.--

In the English translation document, please add the section heading at page 1, before written line 3, after the newly added CROSS REFERENCE TO RELATED APPLICATIONS section with the new section heading, as follows:

--FIELD OF THE INVENTION--

In the English translation document, please amend the paragraph at page 1, written line 3, as follows:

--The invention relates to a measuring device, especially a temperature measuring transducer, with an electrical resistor, which alters its value depending on a chemical or physical variable, ~~in accordance with the preamble of claim 1.~~--

In the English translation document, please insert the section heading at page 1, after written line 6, as follows:

--BACKGROUND OF THE INVENTION--

In the English translation document, please insert the section heading at page 2, after written line 28, as follows:

--SUMMARY OF THE INVENTION--

In the English translation document, please amend the paragraph beginning at page 3, written line 6, as follows:

--To achieve this object the new measurement device of the type mentioned at the start has the features specified in the characterizing part of ~~claim 1~~ the claims. Advantageous developments of the invention are described in the dependent claims.--

In the English translation document, please insert the section heading at page 5, after written line 6, as follows:

--BRIEF DESCRIPTION OF THE DRAWINGS--

In the English translation document, please insert a paragraph at page 5, before written line 10, as follows:

--The Figure shows an example of a basic diagram of a measuring device with an electrical resistor.--

In the English translation document, please insert the section heading at page 5, before written line 10, after the newly added paragraph, as follows:

--DETAILED DESCRIPTION OF THE INVENTION--